

IN THE CLAIMS

Claim 1 (currently amended): A system for managing memory space in a mobile device, comprising:

a plurality of data storage locations;

a plurality of software applications, each software application being operable to store data files to a different data storage location; and

a data store management system operable to access and delete data files stored in the plurality of data storage locations ~~in accordance with one or more pre-selected control levels~~;

wherein if insufficient memory space is available in one of the data storage locations, then the data store management system ~~accesses at least two of the data storage locations and determines which of the data files to delete based on file size of the respective data file deletes data from at least one of the accessed data storage locations.~~

Claim 2-6 (canceled)

Claim 7 (original): The system of claim 1, wherein the data store management system applies a memory retention algorithm to delete data from at least one of the accessed data storage locations.

Claim 8 (original): The system of claim 7, wherein the data store management system applies a least-recently-used (LRU) memory retention algorithm to delete data from at least one of the accessed data storage locations.

Claim 9 (original): The system of claim 7, wherein the data store management system applies a first in-first out (FIFO) memory retention algorithm to delete data from at least one of the accessed data storage locations.

Claim 10 (original): The system of claim 1, wherein the pre-selected control levels are configured by a device user.

Claim 11 (original): The system of claim 1, wherein the pre-selected control levels identify one or more time periods during which the data store management system will not delete data from the accessed data storage locations.

Claim 12 (canceled)

Claim 13 (original): The system of claim 1, wherein the data store management system deletes data from at least one of the accessed data storage locations in accordance with one or more pre-selected memory retention configurations.

Claim 14 (original): The system of claim 13, wherein the pre-selected memory retention configurations include a configuration that instructs the data store management system not to delete data from a particular data storage location.

Claim 15 (original): The system of claim 13, wherein the pre-selected memory retention configurations include a configuration that instructs the data store management system to only delete expired data from a particular data storage location.

Claim 16 (original): The system of claim 13, wherein the pre-selected memory retention configurations include a configuration that instructs the data store management system to delete data from a particular data storage location in accordance with a pre-selected control level.

Claim 17 (original): The system of claim 13, wherein the pre-selected memory retention configurations include a configuration that instructs the data store management system to delete expired data from a particular data storage location and to delete data from the particular data storage location in accordance with a pre-selected control level.

Claim 18 (original): The system of claim 1, wherein the plurality of data storage locations include a browser cache.

Claim 19 (original): The system of claim 1, wherein the plurality of data storage locations include a message store.

Claim 20 (original): The system of claim 1, wherein the plurality of data storage locations include an address book

Claim 21 (original): The system of claim 1, wherein the plurality of data storage locations include a browser bookmarks store.

Claim 22 (original): The system of claim 1, wherein the plurality of data storage locations include a calendar data store.

Claim 23 (original): The system of claim 1, wherein the plurality of data storage locations include a notes store.

Claim 24 (original): The system of claim 1, wherein the plurality of software applications include an electronic messaging system.

Claim 25 (original): The system of claim 1, wherein the plurality of software applications include an Internet browser application.

Claim 26 (original): The system of claim 1, wherein the plurality of software applications include a calendar application.

Claim 27 (original): The system of claim 1, wherein the data store management system deletes data from at least one of the accessed data storage locations to free a minimum amount of memory.

Claim 28-35 (canceled)

Claim 36 (new): A method comprising:

storing data files in memory;
deleting sufficient data in the memory to yield sufficient free memory space in the memory to store a received message, by deleting data files that are larger than a predetermined threshold; and
storing the received message in the free memory space.

Claim 37 (new): The method of claim 36 wherein the step of deleting sufficient data includes:

- deleting data files that are larger than a preselected first threshold without yielding sufficient free memory space to store the received message; and
- subsequently deleting data files that are larger than a preselected second threshold, lower than the first threshold, to yield sufficient free memory space in the memory to store the received message.

Claim 38 (new): The method of claim 36 further comprising, before the deleting step, the step of:

- preselecting a memory location in the memory from which files should not be deleted when freeing memory space to store a received message;
- and the deleting step entails deleting only those data files that are both larger than the predetermined threshold and not resident in the preselected memory location.

Claim 39 (new): The method of claim 36 being performed by a mobile wireless communication device.

Claim 40 (new): A communication device comprising:

- means for storing data files in memory space;
- means for deleting sufficient data in the memory to yield sufficient free memory space in the memory to store the received message, by deleting data files that are larger than a predetermined threshold; and
- means for storing the received message in the free memory space.

Claim 41 (new): The method of claim 40 wherein means for deleting sufficient data includes:

- means for deleting data files that are larger than a preselected first threshold without yielding sufficient free memory space to store the received message; and
- means for subsequently deleting data files that are larger than a preselected second threshold, lower than the first threshold, to yield sufficient free memory space in the memory to store the received message.

Claim 42 (new): A method comprising:

storing data files in memory;

designating a location in memory from which files should not be deleted when freeing memory space to store a received message;

deleting sufficient data in the memory to yield sufficient free memory space to store a received message, by deleting data files only if they both meet a preselected criteria and are not resident in the designated memory location; and

storing the received message in the free memory space.

Claim 43 (new): The method of claim 42 wherein the preselected criteria is whether a respective file has expired data.